

Serial No. 10/528,318
Atty. Doc. No. 2002P15665WOUS

Amendments To The Claims:

Please amend the claims as shown.

1 – 12 (canceled)

13. (currently amended) An acousto-mechanical method for monitoring and carrying out a diagnosis of a technical installation, comprising:

uniquely assigning an acoustical signal to a specific failure of a rotatable component of the technical installation, ~~wherein a frequency range of the uniquely assigned acoustic signal is selected to be human audible; and~~

mounting a vibratory device on the component, wherein the vibratory device is configured to generate the uniquely assigned acoustic signal in the event the specific failure of the component occurs.

14. (currently amended) The method according to claim 13, wherein the device includes a plate capable of vibrating at a vibration frequency ~~within the frequency range of the uniquely assigned acoustic signal and the vibration frequency is~~ a characteristic for the specific failure.

15. (previously presented) The method according to claim 13, wherein a number of devices are provided for a single component or a number of devices are provided for a number of components, each device being assigned to a specific failure.

16. (previously presented) The method according to claim 13, wherein a number of devices are provided for a single component, each device being assigned to a specific failure.

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17. (currently amended) An acousto-mechanical apparatus for monitoring and carrying out a diagnosis for a power plant, comprising:

a vibratory device assigned to a component of the power plant for producing a uniquely assigned acoustical signal when a specific failure occurs in a rotatable component of the power plant, ~~wherein a frequency range of the uniquely assigned acoustic signal is selected to be human audible.~~

18. (currently amended) The apparatus according to claim 17, wherein the device includes a plate capable of vibrating at a vibration frequency ~~within the frequency range of the uniquely assigned~~ assigned acoustic signal and the vibration frequency is a characteristic for said specific failure.

19. (previously presented) The apparatus according to claim 17, wherein a number of devices are provided for a single component or a number of devices are provided for a number of components, each device being assigned to a specific failure.

20. (previously presented) The apparatus according to claim 17, wherein a number of devices are provided for a single component, each device being assigned to a specific failure.

21-28. (canceled)